Block 5: Discount Funding Request(s)

Block 5, page __1__ of 6

Instructions: Use one Block 5 page for EACH service (Funding Request Number) for which you are requesting discounts.
Make as many copies of this page as necessary, and number the completed pages to assure that they are all processed correctly.

FRN #: (to be assigned by administrator)

11	Category of Service (only ONE category should be checked)	15	Contract Number (if available; use "T" if tariffed services, "MTM" if month-to-month services as described in instructions)	ESTL-ERATE-AADS-2
	⊙ Telecommunications Service ○ Internet Access ○ Internal Connections	16	Billing Account Number (e.g., billed telephone number)	618/583-8200
12	Form 470 Application Number (15 digits) 740370000275234	17	Allowable Contract Date (mm/dd/yyyy, based on Form 470 filing)	1/12/00
13	SPIN - Service Provider Identification Number (9 digits) 143005375	18	Contract Award Date (mm/dd/yyyy)	01/13/00
		19	Service Start Date (mm/dd/yyyy)	07/01/00
14	Service Provider Name Ameritech Advanced Data	20	Contract Expiration Date (mm/dd/yyyy)	01/12/05

21	Description of This Service:	You MUST attach a description of the service, including a breakdown of components and costs, plus any relevant brand names. Label this description with an Attachment #, and note number in space provided below. Attachment # A-ESTL-F471-YR3

22	Entity/Entities Receiving This Service:	a. If the service is site-specific (provided to one site and not shared by others), list the Entity Number of the entity from Block 4 receiving this service : _____ b. If the service is shared by all entities on a Block 4 worksheet, list the worksheet number (e.g., A-1): ____A-1, A-2, A-3_____

23 Calculations

	Recurring Charges				One-Time Charges			Total Charges		
A	B	C	D	E	F	G	H	I	J	K
Monthly $ charges (total amount per month for service)	How much of the $ amount in (A) is ineligible?	Eligible monthly pre-discount amount (A minus B)	# of months service provided in program year	Annual pre-discount $ amount for eligible recurring charges (D x C)	Annual non-recurring (one-time) $ charges	How much of the $ amount in (F) is ineligible?	Annual eligible pre-discount $ amount for one-time charges (F minus G)	Total program year pre-discount $ amount (E + H)	% discount (from Block 4 Worksheet)	Funding Commitment $ Request (J x I)
$ 10,828.56	0	10828.56	12	$ 129,994.72			0	$ 129,994.72	90%	$ 116,995.25

Block 5: Discount Funding Request(s)

Block 5, page __2__ of 6

Instructions: Use one Block 5 page for EACH service (Funding Request Number) for which you are requesting discounts.

Make as many copies of this page as necessary, and number the completed pages to assure that they are all processed correctly.

FRN #   (to be assigned by administrator)

11 Category of Service (only ONE category should be checked) ◯ Telecommunications Service ◯ Internet Access ⦿ Internal Connections	15 Contract Number (if available, use "T" if tariffed service, "MTM" if month-to-month service as described in instructions)	ESTL-ERATE-AADS-1
	16 Billing Account Number (e.g., billed telephone number)	618/583-8200
12 Form 470 Application Number (15 digits) 7403700000275234	17 Allowable Contract Date (mm/dd/yyyy, based on Form 470 filing)	1/12/00
13 SPIN - Service Provider Identification Number (9 digits) 143005375	18 Contract Award Date (mm/dd/yyyy)	01/13/00
	19 Service Start Date (mm/dd/yyyy)	07/01/00
14 Service Provider Name Ameritech Advanced Data	20 Contract Expiration Date (mm/dd/yyyy)	06/30/01

21 Description of This Service:	You MUST attach a description of the service, including a breakdown of components and costs, plus any relevant brand names. Label this description with an Attachment #, and note number in space provided below. Attachment # A-ESTL-F471-YR3

22 Entity/Entities Receiving This Service:	a. If the service is site-specific (provided to one site and not shared by others), list the Entity Number of the entity from Block 4 receiving this service : _____ b. If the service is shared by all entities on a Block 4 worksheet, list the worksheet number (e.g., A-1): ____A-1, A-2, A-3_____

23 Calculations

	Recurring Charges				One-Time Charges			Total Charges		
A	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**
Monthly $ charges (total amount per month for service)	How much of the $ amount in (A) is ineligible?	Eligible monthly pre-discount amount (A minus B)	# of months service provided in program year	Annual pre-discount $ amount for eligible recurring charges (D x C)	Annual non-recurring (one-time) $ charges	How much of the $ amount in (F) is ineligible?	Annual eligible pre-discount $ amount for one-time charges (F minus G)	Total program year pre-discount $ amount (E + H)	% discount (from Block 4 Worksheet)	Funding Commitment $ Request (J x I)
0.00	0	0	0	0.00	5,142,650.18	0	5,142,650.18	5,142,650.18	90%	$ 4,628,385.16

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Block 5: Discount Funding Request(s)

Block 5, page __3_ of 6

Instructions: Use one Block 5 page for **EACH** service (Funding Request Number) for which you are requesting discounts.
Make as many copies of this page as necessary, and number the completed pages to assure that they are all processed correctly.

FRN # _____ (to be assigned by application status)

11 Category of Service (only ONE category should be checked)	15 Contract Number (if available; use 'T' if tariffed service, 'MTM' if month-to-month service as described in instructions)	T
⦿ Telecommunications Service ○ Internet Access ○ Internal Connections	16 Billing Account Number (e.g., billed telephone number)	618/583-8200
12 Form 470 Application Number (15 digits) 740370000275234	17 Allowable Contract Date (mm/dd/yyyy, based on Form 470 filing)	1/12/00
13 SPIN - Service Provider Identification Number (9 digits) 143005375	18 Contract Award Date (mm/dd/yyyy)	T
	19 Service Start Date (mm/dd/yyyy)	07/01/00
14 Service Provider Name Ameritech Advanced Data	20 Contract Expiration Date (mm/dd/yyyy)	T

21 Description of This Service:	You MUST attach a description of the service, including a breakdown of components and costs, plus any relevant brand names. Label this description with an Attachment #, and note number in space provided below. Attachment # A-ESTL-F471-YR3
22 Entity/Entities Receiving This Service:	a. If the service is site-specific (provided to one site and not shared by others), list the Entity Number of the entity from Block 4 receiving this service : _____ b. If the service is shared by all entities on a Block 4 worksheet, list the worksheet number (e.g., A-1): ____A-1, A-2, A-3_____

23   Calculations

	Recurring Charges				One-Time Charges			Total Charges		
A	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**
Monthly $ charges (total amount per month for service)	How much of the $ amount in (A) is ineligible?	Eligible monthly pre-discount amount (A minus B)	# of months service provided in program year	Annual pre-discount $ amount for eligible recurring charges (D x C)	Annual non-recurring (one-time) $ charges	How much of the $ amount in (F) is ineligible?	Annual eligible pre-discount $ amount for one-time charges (F minus G)	Total program year pre-discount $ amount (E + H)	% discount (from Block 4 Worksheet)	Funding Commitment $ Request (J x I)
$ 18,970.00	0	$18,970.00	12	$ 227,640.00	0.00	0	0.00	$ 227,640.00	90%	$ 204,876.00

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Block 5: Discount Funding Request(s)

Block 5, page _4 of 6

Instructions: Use one Block 5 page for EACH service (Funding Request Number) for which you are requesting discounts.

Make as many copies of this page as necessary, and number the completed pages to assure that they are all processed correctly.

FRN # (to be assigned by administrator)

11	Category of Service (only ONE category should be checked)
	◉ Telecommunications Service ○ Internet Access ○ Internal Connections

12	Form 470 Application Number (15 digits)	740370000275234

13	SPIN - Service Provider Identification Number (9 digits) 143001197

14	Service Provider Name MCI/World Comm

15	Contract Number (if available; use "T" if tariffed services, "MTM" if month-to-month services as described in instructions)	MTM
16	Billing Account Number (e.g., billed telephone number)	618/583-8200
17	Allowable Contract Date (mm/dd/yyyy, based on Form 470 filing)	1/12/00
18	Contract Award Date (mm/dd/yyyy)	01/13/00
19	Service Start Date (mm/dd/yyyy)	07/01/00
20	Contract Expiration Date (mm/dd/yyyy)	MTM

21	Description of This Service:	You MUST attach a description of the service, including a breakdown of components and costs, plus any relevant brand names. Label this description with an Attachment #, and note number in space provided below. Attachment # A-ESTL-F471-YR3

22	Entity/Entities Receiving This Service:	a. If the service is site-specific (provided to one site and not shared by others), list the Entity Number of the entity from Block 4 receiving this service : _____ b. If the service is shared by all entities on a Block 4 worksheet, list the worksheet number (e.g., A-1): ___A-1, A-2, A-3___

23 Calculations

	Recurring Charges				One-Time Charges			Total Charges		
A	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**
Monthly $ charges (total amount per month for service)	How much of the $ amount in (A) is ineligible?	Eligible monthly pre-discount amount (A minus B)	# of months service provided in program year	Annual pre-discount $ amount for eligible recurring charges (D x C)	Annual non-recurring (one-time) $ charges	How much of the $ amount in (F) is ineligible?	Annual eligible pre-discount $ amount for one-time charges (F minus G)	Total program year pre-discount $ amount (E + H)	% discount (from Block 4 Worksheet)	Funding Commitment $ Request (J x I)
$ 2,190.15	0	$2,190.15	12	$ 26,281.80	0.00	0	0.00	$ 26,281.80	90%	$ 23,653.62

Block 5: Discount Funding Request(s)

Block 5, page 5 of 6

Instructions: Use one Block 5 page for EACH service (Funding Request Number) for which you are requesting discounts.
Make as many copies of this page as necessary, and number the completed pages to assure that they are all processed correctly.

FRN # (to be assigned by administrator)

11 Category of Service (only ONE category should be checked)	15 Contract Number (if available, use "T" if tariffed services, "MTM" if month-to-month services as described in instructions)	ESTL-ERATE-SON-1
○ Telecommunications Service ○ Internet Access ● Internal Connections	16 Billing Account Number (e.g., billed telephone number)	
12 Form 470 Application Number (15 digits) 740370000275234	17 Allowable Contract Date (mm/dd/yyyy, based on Form 470 filing)	1/12/00
13 SPIN - Service Provider Identification Number (9 digits) 143005544	18 Contract Award Date (mm/dd/yyyy)	01/13/00
	19 Service Start Date (mm/dd/yyyy)	07/01/00
14 Service Provider Name Sonacom Inc.	20 Contract Expiration Date (mm/dd/yyyy)	06/30/01

21	Description of This Service:	You MUST attach a description of the service, including a breakdown of components and costs, plus any relevant brand names. Label this description with an Attachment #, and note number in space provided below. Attachment # A-ESTL-F471-YR3
22	Entity/Entities Receiving This Service:	a. If the service is site-specific (provided to one site and not shared by others), list the Entity Number of the entity from Block 4 receiving this service : _____ b. If the service is shared by all entities on a Block 4 worksheet, list the worksheet number (e.g., A-1): ___A-1, A-2, A-3_____

23 Calculations

	Recurring Charges				One-Time Charges			Total Charges		
A	B	C	D	E	F	G	H	I	J	K
Monthly $ charges (total amount per month for service)	How much of the $ amount in (A) is ineligible?	Eligible monthly pre-discount amount (A minus B)	# of months service provided in program year	Annual pre-discount $ amount for eligible recurring charges (D x C)	Annual non-recurring (one-time) $ charges	How much of the $ amount in (F) is ineligible?	Annual eligible pre-discount $ amount for one-time charges (F minus G)	Total program year pre-discount $ amount (E + H)	% discount (from Block 4 Worksheet)	Funding Commitment $ Request (J x I)
$ -	0	$0.00	0	$ -	$ 2,057,236.00	0	$ 2,057,236.00	$ 2,057,236.00	90%	$ 1,851,512.40

FCC Form 471 — September 1999

Block 5: Discount Funding Request(s)

Block 5, page 6 of 6

Instructions: Use one Block 5 page for EACH service (Funding Request Number) for which you are requesting discounts.
Make as many copies of this page as necessary, and number the completed pages to assure that they are all processed correctly.

FRN #

11	Category of Service (only ONE category should be checked) ○ Telecommunications Service ○ Internet Access ◉ Internal Connections	15 Contract Number (if available; use "T" if tariffed services, "MTM" if month-to-month service as described in instructions)	ESTL-ERATE-SON-2
12	Form 470 Application Number (15 digits) 740370000275234	16 Billing Account Number (e.g. billed telephone number)	
		17 Allowable Contract Date (mm/dd/yyyy, based on Form 470 filing)	1/12/00
13	SPIN - Service Provider Identification Number (9 digits) 143005544	18 Contract Award Date (mm/dd/yyyy)	01/13/00
		19 Service Start Date (mm/dd/yyyy)	07/01/00
14	Service Provider Name Sonacom Inc.	20 Contract Expiration Date (mm/dd/yyyy)	06/30/01

21	Description of This Service:	You MUST attach a description of the service, including a breakdown of components and costs, plus any relevant brand names. Label this description with an Attachment #, and note number in space provided below. Attachment # A-ESTL-F471-YR3

22	Entity/Entities Receiving This Service:	a. If the service is site-specific (provided to one site and not shared by others), list the Entity Number of the entity from Block 4 receiving this service : _____ b. If the service is shared by all entities on a Block 4 worksheet, list the worksheet number (e.g., A-1): ___A-1, A-2, A-3___

23 Calculations

	Recurring Charges				One-Time Charges			Total Charges		
A	B	C	D	E	F	G	H	I	J	K
Monthly $ charges (total amount per month for service)	How much of the $ amount in (A) is ineligible?	Eligible monthly pre-discount amount (A minus B)	# of months service provided in program year	Annual pre-discount $ amount for eligible recurring charges (D x C)	Annual non-recurring (one-time) $ charges	How much of the $ amount in (F) is ineligible?	Annual eligible pre-discount $ amount for one-time charges (F minus G)	Total program year pre-discount $ amount (E + H)	% discount (from Block 4 Worksheet)	Funding Commitment $ Request (J x I)
$ -	0	$0.00	0	$ -	$ 511,250.88	0	$ 511,250.88	$ 511,250.88	90%	$ 460,125.79

Block 6: Certifications and Signature

24 The applicant is eligible for support because it includes: (Check one or both.)

  a ☑ schools under the statutory definitions of elementary and secondary schools found in the Elementary and Secondary Education Act of 1965, 20 U.S.C. Secs. 8801(14) and (25), that do not operate as for-profit businesses and do not have endowments exceeding $50 million; and/or

  b ☐ libraries or library consortia eligible for assistance from a state library administrative agency under the Library Services and Technology Act of 1996 that do not operate as for-profit businesses and whose budgets are completely separate from any schools, including, but not limited to, elementary and secondary schools, colleges, or universities.

25 The schools and libraries I represent have secured access to all of the resources, including computers, training, software, maintenance, and electrical connections necessary to make effective use of the services purchased as well as to pay the discounted charges for eligible services.

26 All of the individual schools, libraries, and library consortia listed in Block 4 are covered by:

  a ☐ an individual technology plan for using the services requested in this application; and/or

  b ☑ higher-level technology plan(s) for using the services requested in this application; or

  c ☐ no technology plan needed; applying for basic local and long distance telephone service only

27 Status of technology plans (If representing multiple entities with mixed technology plan status, check both a and b):

  a ☑ technology plan(s) has/have been approved.

  b ☐ technology plan(s) will be approved by a state or other authorized body.

  c ☐ no technology plan needed; applying for basic local and long distance telephone service only.

28 I certify that the entities eligible for support that I am representing have complied with all applicable state and local laws regarding procurement of services for which support is being sought.
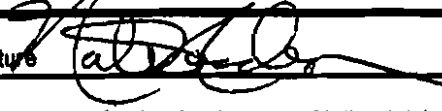
29 I certify that the services the applicant purchases at discounts provided by 47 U.S.C. Sec. 254 will be used solely for educational purposes and will not be sold, resold, or transferred in consideration for money or any other thing of value.

30 I certify that the entity(ies) I represent has complied with all program rules and I acknowledge that failure to do so may result in denial of discount funding and/or cancellation of funding commitments.

31 I understand that the discount level used for shared services is conditional, for future years, upon ensuring that the most disadvantaged schools and libraries that are treated as sharing in the service, receive an appropriate share of benefits from those services.

32 I recognize that I may be audited pursuant to this application and will retain for five years any and all worksheets and other records that I rely upon to fill out this application.

33 I certify that I am authorized to submit this request on behalf of the above-named entities, that I have examined this request, and to the best of my knowledge, information, and belief, all statements of fact contained herein are true.

34 Signature _[signature]_	35 Data 1/13/2000
36 Printed name of authorized person Nathaniel Anderson, Ed.D.	
37 Title or position of authorized person Superintendent .	
38 Telephone number of authorized person: (618) 583 -8215, ext. _ _ _ _ _	

NOTICE TO INDIVIDUALS: Section 54.504 of the Federal Communications Commission's rules requires all schools and libraries ordering ser

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently val OMB control number.

The FCC is authorized under the Communications Act of 1934, as amended, to collect the personal information we request in this form. We w

If you owe a past due debt to the Federal government, the taxpayer identification number (such as your social security number) and other information you provide may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/ your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to these agencies through the matching of computer records when authorized.

If you do not provide the information we request on the form, the FCC may delay processing of your application or may return your application without action.

The foregoing Notice is required by the Privacy Act of 1974, Pub. L. No. 93-579, December 31, 1974, 5 U.S.C. § 552, and the Paperwork Red Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq.

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P.O. Box 7026
Lawrence, Kansas 66044-7026

For express delivery services or U.S. Postal Service, Return Receipt Requested, mail this form

SLD-Form 471
c/o Ms. Smith
3833 Greenway Drive
Lawrence Kansas 66046
(888) 203-8100

ATTACHMENT A - E.ST.LOUIS DISTRICT #189
ENTITY NUMBER: 136412
CONTACT NAME: JAMES DANIELS   618/583-8303
470 APPLICATION NUMBER: 740370000275234
DISTRICT-WIDE DISCOUNT: 90% ON ALL SERVICES

Telecommunications Services
Vendor: Ameritech Advanced Data Services
Spin#:   143005375
Contract#:   ESTL-ERATE-AADS-2

Item	Location	Service Descripti	Cost/Mo.	% Elig.	Elig./Mo.	Mo.	Total Eligible	
	District Offices	DS-3 Service	3,267.60	100	3,267.60	12	$39,211.20	$39,211.20
	District Offices	T-1 Service	250.00	100		12	$3,000.00	
	Alta Sita	T-1 Service	250.00	100		12	$3,000.00	
	Attucks	T-1 Service	250.00	100		12	$3,000.00	
	Brown	T-1 Service	473.72	100		12	$5,684.64	
	Davis	T-1 Service	250.00	100		12	$3,000.00	
	Dunbar	T-1 Service	250.00	100		12	$3,000.00	
	Edgemont	T-1 Service	529.08	100		12	$6,348.96	
	Harding	T-1 Service	529.08	100		12	$6,348.96	
	Hawthorne	T-1 Service	250.00	100		12	$3,000.00	
	Jackson	T-1 Service	250.00	100		12	$3,000.00	
	Jones	T-1 Service	250.00	100		12	$3,000.00	
	Lilly-Freeman	T-1 Service	250.00	100		12	$3,000.00	
	Lucas	T-1 Service	250.00	100		12	$3,000.00	
	Mandela	T-1 Service	250.00	100		12	$3,000.00	
	Manners	T-1 Service	250.00	100		12	$3,000.00	
	Morrison	T-1 Service	529.08	100		12	$6,348.96	
	McHenry	T-1 Service	250.00	100		12	$3,000.00	
	Neely	T-1 Service	250.00	100		12	$3,000.00	
	Park Annex	T-1 Service	250.00	100		12	$3,000.00	
	Robinson	T-1 Service	250.00	100		12	$3,000.00	
	Wilson	T-1 Service	250.00	100		12	$3,000.00	

Clark Jr. High	T-1 Service	250.00	100	12	$3,000.00	
Landowne Jr. Hig	T-1 Service	250.00	100	12	$3,000.00	
Lincoln Jr. High	T-1 Service	250.00	100	12	$3,000.00	
E.St. Louis Sr. Hi	T-1 Service	250.00	100	12	$3,000.00	
Early Childhood C	T-1 Service	250.00	100	12	$3,000.00	

TOTAL ELIGI   **$129,942.72**   129,942.72

Telecommunications Services

Vendor: MCI / WORLD COMM TELECOMMUNICATIONS CO.
Spin#:   143001197
Contract#:   Month to Month

Item	Location	rvice Descripti	Cost/Mo.	% Elig.	Elig./Mo.	Mo.	Total Eligible	
	District-Wide	Long Distance	2,190.15	100	2,190.15	12	$26,281.80	26,281.80

Telecommunications Services

Vendor: Ameritech
Spin#:   143005375
Contract#:   Tariff

Item	Location	rvice Descripti	Cost/Mo.	% Elig.	Elig./Mo.	Mo.	Total Eligible	
	District-Wide	Local Service	18,970.00	100	18,970.00	12	$227,640.00	227,640.00

Item	Service Desciptio	Quanity	List Price Per	Total List	Discount	Total Price I	Total
CISCO7206VXR/300	Routers	2	$17,000.00	$34,000.00	41%	$10,030.00	$20,060.00
ACS-2500ASYN	Cables	4	$100.00	$400.00	41%	$59.00	$236.00
C7200-I/O-FE-BUN	RouterPlugins	2	$0.00	$0.00	41%	$0.00	$0.00
CAB-AC	Cables	2	$0.00	$0.00	41%	$0.00	$0.00
CAB-OCT-V35-MT	Cables	2	$750.00	$1,500.00	41%	$442.50	$885.00
MEM-I/O-D-FLC16M	Memory	2	$0.00	$0.00	41%	$0.00	$0.00
MEM-SD-NPE-256MB	Memory	2	$4,200.00	$8,400.00	41%	$2,478.00	$4,956.00
NPE-300-BUN	RouterPlugins	2	$0.00	$0.00	41%	$0.00	$0.00
PA-8T-V35	Router Piggyback	2	$8,000.00	$16,000.00	41%	$4,720.00	$9,440.00
PA-MC-T3	Router Piggyback	2	$22,000.00	$44,000.00	41%	$12,980.00	$25,960.00
PWR-7200	PowerSupplies	2	$0.00	$0.00	41%	$0.00	$0.00
S72C-12.0.3T	CommDev-S\W	2	$0.00	$0.00	41%	$0.00	$0.00

CISCO3640	Routers	27	$6,500.00	$175,500.00	41%	$3,835.00	$103,545.00
CAB-AC	Cables	27	$0.00	$0.00	41%	$0.00	$0.00
MEM3600-8U32FS	Memory	27	$1,500.00	$40,500.00	41%	$885.00	$23,895.00
MEM3640-32U128D	Memory	27	$5,760.00	$155,520.00	41%	$3,398.40	$91,756.80
NM-1FE-TX	RouterPlugins	27	$2,000.00	$54,000.00	41%	$1,180.00	$31,860.00
NM-4T	RouterPlugins	27	$3,000.00	$81,000.00	41%	$1,770.00	$47,790.00
NM-8T1-IMA	RouterPlugins	27	$7,000.00	$189,000.00	41%	$4,130.00	$111,510.00
NM-HDV-1T1-24	RouterPlugins	27	$7,400.00	$199,800.00	41%	$4,366.00	$117,882.00
S364AP-12.0.5T	CommDev-S\W	27	$0.00	$0.00	41%	$0.00	$0.00
WS-C6509	LanSwitch	27	$9,995.00	$269,865.00	41%	$5,897.05	$159,220.35
CAB-7513AC	Cables	54	$0.00	$0.00	41%	$0.00	$0.00
MEM-MSFC-128MB	Memory	54	$1,200.00	$64,800.00	41%	$708.00	$38,232.00
SC6MSFCC-12.0.3XE	CommDev-S\W	54	$0.00	$0.00	41%	$0.00	$0.00
SFC6K-SUP-5.3.1	CommDev-S\W	27	$0.00	$0.00	41%	$0.00	$0.00
WS-CAC-1300W	PowerSupplies	27	$3,995.00	$107,865.00	41%	$2,357.05	$63,640.35
WS-CAC-1300W/2	PowerSupplies	27	$3,995.00	$107,865.00	41%	$2,357.05	$63,640.35
WS-G5484	Piggybacks - Swi	270	$500.00	$135,000.00	41%	$295.00	$79,650.00
WS-X6248-RJ-45	Switch Plugins	108	$12,995.00	$1,403,460.00	41%	$7,667.05	$828,041.40
WS-X6408-GBIC	Switch Plugins	54	$9,995.00	$539,730.00	41%	$5,897.05	$318,440.70
WS-X6K-SUP1A-MSFC	Switch Plugins	27	$29,995.00	$809,865.00	41%	$17,697.05	$477,820.35
WS-X6K-SUP1A-MSFC/	Switch Plugins	27	$14,995.00	$404,865.00	41%	$8,847.05	$238,870.35
PIX-520	Miscellaneous	2	$3,600.00	$7,200.00	41%	$2,124.00	$4,248.00
ACC-PIX500-4.4	Miscellaneous	2	$0.00	$0.00	41%	$0.00	$0.00
CAB-AC	Cables	2	$0.00	$0.00	41%	$0.00	$0.00
PIX-4FE	Miscellaneous	2	$1,000.00	$2,000.00	41%	$590.00	$1,180.00
PIX-CONN-UR	CommDev-S\W	2	$18,000.00	$36,000.00	41%	$10,620.00	$21,240.00
SF-PIX-4.4	CommDev-S\W	2	$0.00	$0.00	41%	$0.00	$0.00
CE-550	Miscellaneous	27	$11,995.00	$323,865.00	41%	$7,077.05	$191,080.35
CAB-AC	Cables	27	$0.00	$0.00	41%	$0.00	$0.00
SF-CE500-2.0	CommDev-S\W	27	$0.00	$0.00	41%	$0.00	$0.00
WS-C4003-S1	LanSwitch	60	$7,995.00	$479,700.00	41%	$4,717.05	$283,023.00
CAB-7KAC	Cables	120	$0.00	$0.00	41%	$0.00	$0.00
SFC4K-SUP-5.1.1	CommDev-S\W	60	$0.00	$0.00	41%	$0.00	$0.00
WS-G5484	Piggybacks - Swi	240	$500.00	$120,000.00	41%	$295.00	$70,800.00
WS-X4008(included)	PowerSupplies	60	$0.00	$0.00	41%	$0.00	$0.00
WS-X4008/2	PowerSupplies	60	$995.00	$59,700.00	41%	$587.05	$35,223.00

WS-X4012(included)	Switch Plugins	60	$0.00	$0.00	41%	$0.00	$0.00
WS-X4232-GB-RJ	Switch Plugins	120	$4,495.00	$539,400.00	41%	$2,652.05	$318,246.00
WS-C3524-XL-EN	LanSwitch	500	$3,995.00	$1,997,500.00	41%	$2,357.05	$1,178,525.00
CWE+C-NT-COMB1	Cisco Works 200(	1	$9,995.00	$9,995.00	41%	$5,897.05	$5,897.05
J1240AA	HP OpenView (m	1	$15,395.47	$15,395.47		$15,395.47	$15,395.47
ASY-F STCSCCD2	ST-SC Patch Cable	156	$61.33	$9,567.48	20%	$49.06	$7,653.96
ASY-F STCSTCD2	ST-ST Patch Cable	156	$40.00	$6,240.00	20%	$32.00	$4,992.00
ASY-F SCCSCCD2	SC-SC Patch Cab	107	$60.07	$6,427.49	20%	$48.06	$5,141.99
MM10-LU6-09-Crossove	Crossover TX-TX	520	$5.73	$2,979.60	20%	$4.58	$2,383.68
MM10-LU6-09	TX-TX Patch Cab	1040	$5.73	$5,959.20	20%	$4.58	$4,767.36
APC SU3000RMNET	UPS	54	$1,799.00	$97,146.00	20%	$1,439.20	$77,716.80
PER7	Surge Suppressor	54	$29.95	$1,617.30	20%	$23.96	$1,293.84
E-100-BTX-FX-04	FX-TX Media Cor	2	$375.00	$750.00	10%	$337.50	$675.00
9124	T1 DSU	54	$1,500.00	$81,000.00	35%	$975.00	$52,650.00
CAB-35MT	Cisco V.35 Male (	54	$100.00	$5,400.00	41%	$59.00	$3,186.00

TOTAL REQUE $5,142,650.18   5,142,650.18

Internal Connections Products and Services
Vendor: Sonacom, Inc.
SPIN# :143005544   Service Description   **Total Eligible**
Contract Number: ESTL-ERATE-SON-1

Services and Products

		Total Eligible
LAN / WAN Router / Hub / Swith Installation		$420,160.00
Netfinity Servers	(2) - Model 710 – (25) Model 510	$352,417.00
Novell CNE Sofware	Media	$48,326.00
Novell CNE Sofware Installation	Media and 8K licenses	$88,000.00
LAN / WAN Cabling and Installation	27 Buildings	$1,148,333.00
	TOTAL REQUE	$2,057,236.00 2,057,236

Internal Connections Products and Services
Vendor: Sonacom, Inc.
SPIN# :143005544   iervice Desciption
Contract Number: ESTL-ERATE-SON-2

<u>Services and Products</u>
PBX (Private Branch Exchange Service) Equipment and Installation-   TOTALS

1 - NEC 2400 IMX	District Offices	$197,460.00
26 - NEC 1000 PBX	Alta Sita	$12,068.88
	Attucks	$12,068.88
	Brown	$12,068.88
	Davis	$12,068.88
	Dunbar	$12,068.88
	Edgemont	$12,068.88
	Harding	$12,068.88
	Hawthorne	$12,068.88
	Jackson	$12,068.88
	Jones	$12,068.88
	Lilly-Freeman	$12,068.88
	Lucas	$12,068.88
	Mandela	$12,068.88
	Manners	$12,068.88
	Morrison	$12,068.88
	McHenry	$12,068.88
	Neely	$12,068.88
	Park Annex	$12,068.88
	Robinson	$12,068.88
	Wilson	$12,068.88
	Clark Jr. High	$12,068.88
	Landowne Jr. High	$12,068.88
	Lincoln Jr. High	$12,068.88
	E.St. Louis Sr. High	$12,068.88
	E.St.Louis Alternative	$12,068.88
	Early Childhood Center	$12,068.88

Total Reque $511,250.88   511,250.88

Block 5 - Itemization

Total Request $7,906,572.78

Total Cost $8,134,212.78

District E-Rate Discount 90%

Total Eligible $7,320,791.50

AFFIDAVIT OF FAX TRANSMISSION/MAILING

STATE OF ILLINOIS   )
) SS.

COUNTY OF ST. CLAIR   )

       I, Garrett P. Hoerner, on oath, state and depose that, on behalf of East St. Louis School District No. 189, I sent the foregoing Letter of Appeal in response to the January 19, 2005 Notification of Commitment Adjustment Letter related to Funding Request Number 440965 via fax transmission (without enclosures/exhibits) and Certified U.S. Mail (with enclosures/exhibits) on this 10th day of March, 2005, to:

<div align="center">

Letter of Appeal
Schools and Libraries Division
Box 125 – Correspondence Unit
80 South Jefferson Road
Whippany, NJ 07981
FAX: (973) 599-6542

</div>

Affiant says nothing further.

By: _____
       Garrett P. Hoerner

Subscribed and sworn to before me on this 10th day of March, 2005.

_____
Notary Public

OFFICIAL SEAL
TIFFANY M BUECHER
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:02/08/08

Ameritech

Ameritech Base Rate and DS1 Services

High-powered networking—use DS1 Service for Electronic publishing as well as Concurrent CAD/CAM and Engineering

Clear, crisp imaging—for documents and medical applications

Optional Pricing Plans to fit your budget

Choose competitive month-to-month rates, or further increase your savings with Ameritech Optional Pricing Plans. With terms ranging from one to five years, these plans enable you to save an additional 5% to 20% over month-to-month pricing in most areas!*

Our commitment to serve your business is backed by Ameritech's Guaranteed On-Time Installation Plan. If the installation delay of your circuits is caused by our failure to perform, we will refund the one-time charges associated with any circuits installed after the specified date.

A t Ameritech, we strive to deliver superior customer service and proactively assist you in designing the best communications solutions for your business.

For more information on Ameritech Base Rate and DS1 Services and other Ameritech business solutions, please call Ameritech today!

* Contact Ameritech for terms available in your area.

Ameritech

YOUR LINK TO A BETTER LIFE.

Printed on recycled paper.

BR12-23
10/93

Create a private, reliable digital transport network with Ameritech Base Rate and DS1 Services

I f your business relies on the accurate communication of information—create a private, reliable digital transport network with affordable Ameritech' Base Rate and Ameritech' DS1 Services.

Information is the currency of business today. Moving that information quickly, securely and affordably can be a key to business success.

Put the reliability of Ameritech's dedicated, digital Base Rate and DS1 Services to work for the transport of your business communications. Use individual Base Rate and DS1 lines, or combine a variety of transport speeds, to optimize the cost-effective transfer of data, voice, imaging or video within your business.

You can custom design the network that's just right for the entire range of your business communications—from the simplest to the most complex!

And, by linking these services with the long-distance carrier of your choice, you can expand your communications across the country or around the globe.

Built-in security and reliability

Ameritech's remote testing capability allows us to determine the location of any line trouble and correct it quickly. And reliability—a critical factor in smooth business communications—is built in. Each service operates with a minimum performance objective of 99.995% error-free seconds!

Network Addressing Design Service

The Business Case

Mergers and acquisitions, ERP initiatives, network operating system migrations, electronic commerce, and virtual private networking are all driving organizations to re-evaluate the way their networks are designed, engineered, and addressed. With networks being relied upon to essentially "run the business," the days of patching the network together to keep up with the organization are over. Working towards an enterprise network addressing scheme is critical, but designing one that can improve network performance and provide for expansion is ideal.

Ameritech's engineers are skilled in complex network addressing design. We utilize conventional addressing methods combined with innovative approaches such as private IP addressing, IP un-numbered WAN circuits, and dynamic address allocation. This means we bring our broad base of experience and knowledge to provide the most advanced addressing ideas, delivering a comprehensive design optimized for today's requirements and scalable for tomorrow's challenges.

The Features and Benefits

- **Extensive investigation of current network**

—Provides an accurate perspective of your current network

- **Thorough analysis of current performance, operational parameters, and addressing requirements**

—Insures new addressing scheme meets all networking requirements

- **Recommendations and supporting documentation**

—Provides standardized addressing plan easing network expansion, administration, and support

- **Detailed plans for testing, transition, and management**

—Insures predictable migration to new scheme with minimal disruptions or delays

The Ameritech Advantage

With the Ameritech Network Addressing Design service, you receive a standards-based scalable addressing scheme, detailed configuration parameters, and a transition plan. Your design is supported by and benefits from a powerful combination of highly skilled engineers with extensive design and integration experience, as well as the collective knowledge gained from the many successful Ameritech implementations that preceded it. No other integrator has this level of experience or as large an installed base of complex, public, and privately-addressed networks.

Ameritech provides *Full Network Life Cycle Solutions* including Assessment & Planning, Design, Sourcing, Deployment & Implementation, and Support. Our Network Addressing Design service is the most comprehensive in the networking industry and can be further enhanced by taking advantage of our full complement of products and services.

Ameritech.

Network Addressing Design Service Checklist of Activities

Extensive investigation of current network

- Study logical and physical layout of network
- Review data link, network, and application layer structure
- Survey communication closets to identify devices requiring address changes
- Run network traces to discover and validate protocol usage

Thorough analysis of current performance, operational parameters, and addressing requirements

- Explore any routing loops or error conditions
- Evaluate existing systems' ability to support new addressing and potential routing requirements
- Investigate known software, hardware, and firmware problems or anomalies of addressed devices
- Determine effects of discovered problems or anomalies on new network addressing scheme

Recommendations and supporting documentation

- Layout of new standards-based network addressing design
- Guidelines for current and future segmentation of network
- Verification of new addressing design
- Overlay of new addressing scheme on network map
- Detailed configuration parameters for each interface requiring address modification
- Proposed routing parameters and DNS configuration modification
- Logical layout of address ranges available per routed segment

Detailed plans for testing, transition, and management

- Validation testing on pilot configuration
- Design of revision and modifications based on pilot test results
- Step-by-step migration plan to the new addressing scheme
- Parallel network address-change guidelines
- Fallback procedures defined for critical cutover events
- Management procedure recommendations to keep address scheme current

Network Backbone Design Service

The Business Case

Today's networking technologies provide dramatically improved performance for consistently lower costs. While a host of new bandwidth-hungry applications promise to deliver immediate competitive advantages, backbone designs that neglected to anticipate these developments are beginning to fail the business. It's a foregone conclusion that, in order to prosper, companies must periodically redesign their network backbones, but the best method to achieve this may be far less obvious.

Ameritech has extensive experience across a wide spectrum of businesses, technologies, and networking manufacturers. This means we can provide an unbiased perspective on the latest technical advances and how they perform in a variety of different environments without placing an additional burden on your internal staff. Ameritech can complement your own technical organization to insure that you receive a comprehensive design that's optimized for today's requirements and scalable for tomorrow's challenges.

The Features and Benefits

• **Extensive investigation of current network environment**

—Provides an accurate perspective of your current network

• **Thorough analysis of current performance, operational parameters, and design requirements**

—Insures new design meets all existing network requirements

• **Recommendations and supporting documentation**

—Provides blueprint for network optimization, scalability, and operational support

• **Detailed plan for testing, transition, and support**

—Insures predictable migration with minimal problems or delays

The Ameritech Advantage

With an Ameritech backbone design, you receive a baseline of your existing network, a multilayer network map, detailed configuration parameters, and a transition plan. Your design is supported by and benefits from a powerful combination of highly skilled engineers with extensive design and integration experience, as well as the collective knowledge gained from the many successful Ameritech implementations that preceded it. No other integrator has this level of experience or as large an installed base of complex multivendor network backbones.

Ameritech provides *Full Network Life Cycle Solutions* including Assessment & Planning, Design, Sourcing, Deployment & Implementation, and Support. Our Network Backbone Design service is the most comprehensive in the networking industry and can be further enhanced by taking advantage of our full complement of products and services.

Ameritech

Network Backbone Design Service Checklist of Activities

Extensive investigation of current network environment
- Review data link and network layer structure of the network
- Review power, cabling infrastructure, floor plans, and carrier access points
- Identify server requirements by user community, resource criticality, fail-over, and back-up procedures
- Survey communication closets for size, existing equipment, power, rack space, and temperature control
- Run network traces to discover and validate protocols
- Baseline network in advance of new application requirements

Thorough analysis of current performance, operational parameters, and design requirements
- Investigate any existing routing loops or error conditions
- Compare protocols in use and their effect on new technologies
- Specify proper use of those protocols in new design
- Identify changes to bridging, routing, and any translational protocols in use
- Modify traffic flow patterns to take advantage of new technology
- Set realistic Quality-of-Service (QoS) expectations
- Evaluate required configuration parameters for interfaces on specified equipment
- Investigate known software, hardware, and firmware problems of networking devices

Recommendations and supporting documentation
- Graphic layout of new network backbone design
- Labeling of layered links and speeds, depicting multiple approaches to physical and logical connections
- Validation of design against Ameritech design library
- Overlay of device addressing scheme
- Hardware detail including commentary on working parameters of vendor products
- Software, hardware, and firmware product problem and anomaly reporting
- Individually detailed interface configuration parameters

Detailed plan for testing, transition, and support
- Validation testing on pilot configuration
- Design revision and modifications based on pilot test results
- Performance analysis and application testing
- Verification of element manager configuration parameters and operating system release notes
- Detail and document parallel build-out of new backbone in step-by-step fashion
- Define fail-over procedures and testing criteria for critical cutover events
- Recommendations for hardware and software maintenance, and version update plan

Applications

- LAN interconnection
- Secure data transmission
- Team engineering and design
- Concurrent computer-aided design and manufacturing
- Videoconferencing
- Publishing and document imaging
- Medical imaging

DS1 Service Technical Specifications

Transmission speed	2.4 Kbps to 1.544 Mbps
Transmission path	4-wire
Configuration	Point-to-point
Network interface	CSU/DSU

How It Works

IN AMERITECH'S NETWORK

Ameritech DS1 Service uses dedicated private lines between sites that you designate. The service uses end-to-end digital facilities, which are inherently more reliable than analog. Why? An analog system converts your data, which is digital, to analog format, then amplifies the signal for transmission—also amplifying noise the signal encounters, increasing the chance for error. A digital system accepts your digital data without conversion, simply regenerating the original signal as it moves through the network. Ameritech's digital network uses timing controls to ensure that signals conform to international standards, so your data can flow seamlessly to other carriers worldwide.

AT YOUR PREMISES

Any piece of equipment linked to a DS1 Service facility must connect using a standard channel/digital service unit (CSU/DSU) or CSU/DSU-capable device.

Tap the Power of DS1 Service from Ameritech Team Data

Ameritech DS1 Service is backed by Ameritech Team Data™—a team of data professionals who know networking inside and out. Their goal: help you find the products that best fit your data requirements. Ameritech Team Data has the experience and expertise you need—before, during, and after installation.

To learn more about Ameritech DS1 Service or other Ameritech data solutions, contact your Ameritech representative—or call us at 1-800-719-5822 and ask for Team Data!

Ameritech

Ameritech DS1 Service

Ameritech® DS1 Service provides cost-effective digital connections for businesses with heavy data traffic volume. Operating at 1.544 megabits per second (Mbps), DS1 Service lets you combine voice and data traffic, link remote hosts, and make your business more productive with data-intensive applications like videoconferencing.

Ameritech DS1 Service provides the equivalent of 24 voice-grade 64 Kbps channels, with 64 Kbps clear-channel end-to-end transmission. This means your interstate or international data transmissions can be carried by the long-distance carrier of your choice, ensuring smooth hand-offs. Our digital network guarantees a performance objective of 99.995% error-free seconds. And with remote testing we can pinpoint the location of line trouble easily and fix it quickly.

Since DS1 Service carries your data traffic on dedicated circuits—not switched with the traffic of others—you'll enjoy unmatched data security. Dedicated service simplifies network management, too, since you won't have to keep track of different levels of switched network links.

As your data transmission needs grow, DS1 Service lets you migrate seamlessly to Ameritech's higher-speed services such as DS3. What about options? Superframe and Extended Superframe formats are available. And Ameritech Network Reconfiguration Service™ gives you complete control over your network by letting you reroute traffic as needed.

Benefits To You

Volume—Ameritech DS1 Service has the capacity for complex, high-bandwidth applications like printing and publishing, CAD/CAM, and videoconferencing.

Security—DS1 Service maximizes security by containing your data traffic on your organization's own dedicated private lines.

Performance—DS1 Service keeps your data flowing without costly disruptions, thanks to the Ameritech performance objective of 99.995% error-free seconds.

Monitoring—In most areas, DS1 Service comes with a Performance Monitoring feature that lets you monitor your circuits for trouble, at no additional cost.

Productivity—DS1 Service lets you take advantage of high-technology applications, like videoconferencing, that increase productivity and cut expenses.

Migration Path—DS1 Service lets you upgrade easily to Ameritech's higher-speed digital services such as DS3 Service.
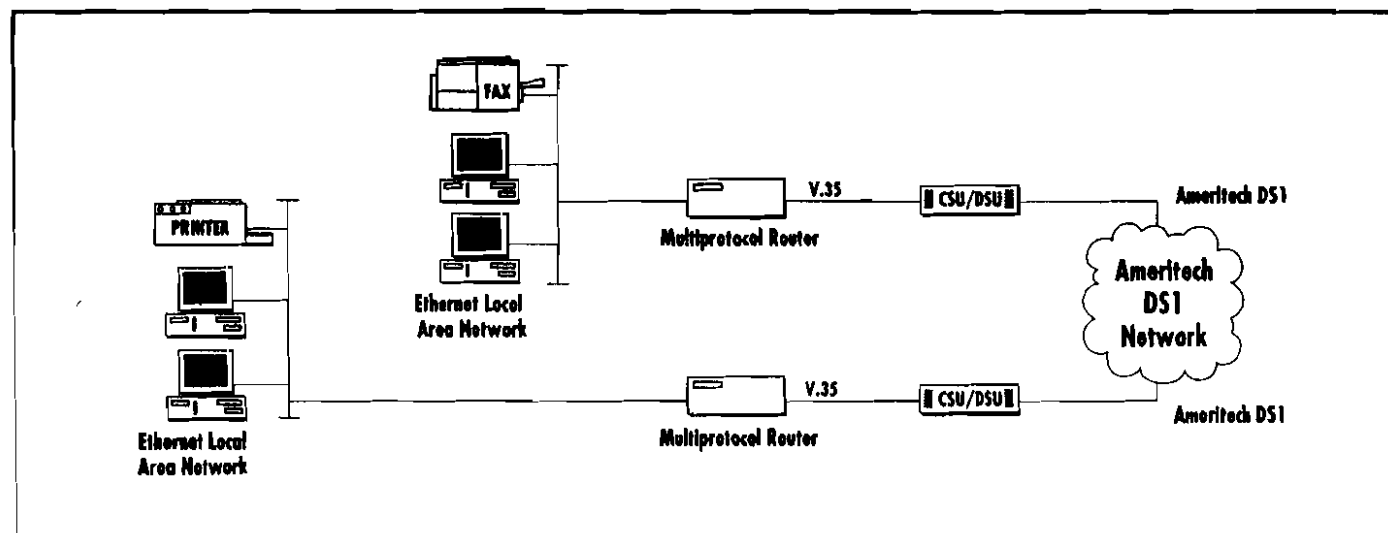
Ameritech ISDN Direct Service
Up to 64 Kbps per B Channel,
16 Kbps per D Channel

Ameritech ISDN Direct Service gives you a low-cost way to transmit high-speed voice, data and video simultaneously over a single telephone line.

Applications
- ➤ LAN interconnection
- ➤ Private line back-up for disaster recovery
- ➤ Telecommuting
- ➤ Desktop videoconferencing
- ➤ Radio broadcast

Ameritech ISDN Prime Service
56 Kbps to 1.544 Mbps

Ameritech ISDN Prime Service lets you consolidate multiple voice and data services onto a single line terminating in you PBX or host computer.

Applications
- ➤ LAN interconnection
- ➤ Consolidation of network facilities
- ➤ Videoconferencing
- ➤ Private line back-up for disaster recovery

Ameritech ISDN Centrex Service
Up to 64 Kbps per B Channel,
16 Kbps per D Channel

When your Centrex needs to expand to include high-speed data transmission and electronic keyset features, Ameritech ISDN Centrex is the answer.

Applications
- ➤ LAN interconnection
- ➤ Videoconferencing
- ➤ Telecommuting
- ➤ Simultaneous fax and voice

Ameritech Packet Switched Data Service
9.6 to 56 Kbps

Ameritech Packet Switched Data Service can connect you host computer to an unlimited number of users via a single, switched line.

Applications
- ➤ Automated teller machine (ATM) networks
- ➤ Credit card authorization
- ➤ Telecommuting
- ➤ Claims processing

Ameritech LAN Interconnect Service
4 or 16 Mbps for Token Ring,
10 Mbps for Ethernet

Ameritech LAN Interconnect Service lets you link Ethernet or Token Ring LANs at the same site or at different sites. Connecting LANs gives you a single, powerful resource.

Applications
- ➤ File sharing
- ➤ Electronic mail
- ➤ Facsimile mail
- ➤ Image processing

Ameritech Host Interconnect Service
200 Mbps

Ameritech Host Interconnect Service lets you connect data center-based IBM mainframe computers to remote disks, tape drives, terminals, printers and mainframes.

Applications
- ➤ Remote tape or DASD storage
- ➤ Data center sharing or consolidation
- ➤ Remote printing
- ➤ Satellite offices

Ameritech Connectionless Broadband Data Service
56/64 Kbps to 34 Mbps

Ameritech Connectionless Broadband Data Service is high-performance, switched service that lets you set up communications between multiple sites.

Applications
- ➤ LAN interconnection
- ➤ Manufacturing and inventory management
- ➤ Electronic publishing/printing
- ➤ Videoconferencing

Ameritech Frame Relay Service
56 Kbps to 1.544 Mbps

Ameritech Frame Relay Service is a cost-effective data networking solution that allows for interconnection of multiple LANs at separate locations, with just one line per site.

Applications
- ➤ LAN interconnection
- ➤ Sales data collection from branch offices
- ➤ Consolidation of SNA and LAN traffic

Ameritech Fiber Distributed Data Interface Service
100 Mbps

Ameritech Fiber Distributed Data interface (FDDI) Service provides dedicated private lines between LANs or other devices needing high-speed connections.

Applications
- ➤ Concurrent CAD/CAM
- ➤ Publishing and document imaging
- ➤ Medical imaging
- ➤ Electronic mail

Ameritech Synchronous Optical Network Service
155 Mbps/622 Mbps

Ameritech Synchronous Optical Network (SONET) Service provides dedicated, point-to-point or multipoint transmission of voice, data and video at very high speeds.

Applications
- ➤ LAN-to-LAN and host-to-host interconnection
- ➤ Videoconferencing
- ➤ Distributed processing
- ➤ Team engineering and design

Ameritech Asynchronous Transfer Mode
1.544, 45 and 155 Mbps

Ameritech Asynchronous Transfer Mode (ATM) can accommodate voice, video, data and images allowing you to consolidate all your communications applications on a single line.

Applications
- ➤ LAN interconnection
- ➤ Collaborative computing
- ➤ Medical imaging
- ➤ Interactive distance learning
- ➤ Computer-simulated design testing

Ameritech Data Products Portfolio

Ameritech integrated data solutions cover the entire spectrum of communications needs, ranging from the simple process of moving information from one branch office to another, to the sophisticated integration of voice, data and imaging technologies.

Turn to Team Data for Answers

Ameritech Team Data™ consults with businesses like yours to answer data communications questions. Our consultants can tell you about available products and services – whether offered by Ameritech or another vendor – and help you decide on the right ones.

To learn more about Ameritech' data solutions, call your Ameritech representative or call us at 1 800-719-5822 and ask for Team Data!
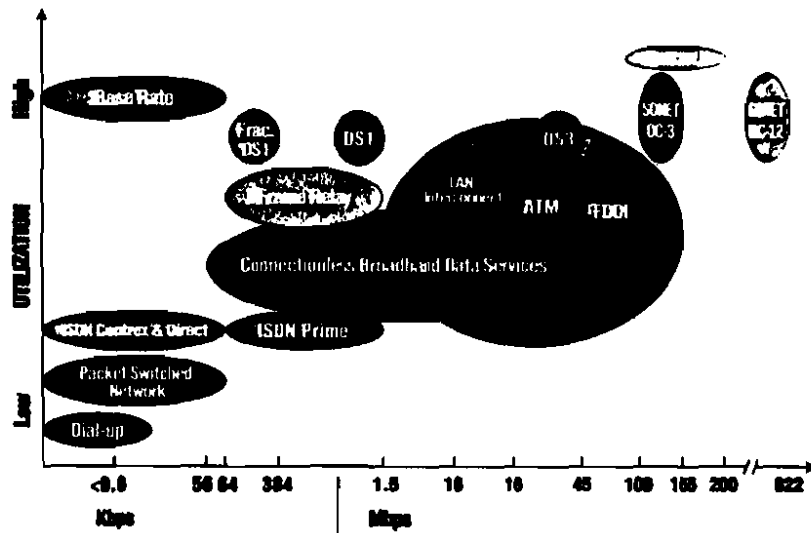
Ameritech Base Rate Service
2.4 Kbps to 64 Kbps

If you have a wide range of data transmission needs, Ameritech Base Rate Service gives you an affordable yet reliable form of digital transport.

Applications
- ➤ LAN interconnection
- ➤ Remote database access
- ➤ CAD/CAM file transfer
- ➤ High-speed fax

Ameritech Fractional DS1 Service
128, 256, 384 Kbps

If you have enough data traffic for high-capacity lines but not enough to justify the expense of Ameritech DS1 lines, Ameritech Fractional DS1 Service may be for you.

Applications
- ➤ LAN interconnection
- ➤ Videoconferencing
- ➤ Medical imaging
- ➤ Publishing and document imaging

Ameritech DS1 Service
1.544 Mbps

Ameritech DS1 Service provides cost-effective dedicated digital connections for businesses with heavy data traffic volume. DS1 Service gives you the capability to combine both voice and data traffic.

Applications
- ➤ LAN interconnection
- ➤ Concurrent CAD/CAM
- ➤ Videoconferencing
- ➤ Publishing and document imaging

Ameritech DS3 Service
44.736 Mbps

When your applications call for high-speed data transmission either locally or for long distances, call for Ameritech DS3 Service. DS3 Service is your digital connection for bandwidth heavy applications.

Applications
- ➤ LAN interconnection
- ➤ Videoconferencing
- ➤ Publishing and document imaging
- ➤ Medical imaging

Ameritech Network Reconfiguration Service

Ameritech Network Reconfiguration Service gives you complete, real-time control over your Ameritech Base Rate, Fractional DS1, DS1 and DS3 facilities. It allows you to reroute traffic as quickly and as often as you need to.

Applications
- ➤ Videoconferencing
- ➤ Disaster recovery
- ➤ Dynamic bandwidth management
- ➤ Least cost routing

Through video technology, instructor and students communicate from remote locations as if they were in the same room. Interactive video promotes high-quality education by allowing your school to offer a wider range of curriculum, including specialty courses previously not feasible due to low-incidence enrollment. And, interactive video gives remote and smaller districts equal access to educators and special subjects.

Desktop Conferencing. Desktop conferencing is a cost-effective way for instructors to reach students at multiple locations. Teachers and students share text and graphics over computers as they teleconference to discuss lessons via standard and digital phone lines. Desktop conferencing maximize cost efficiency by utilizing phones and basic equipment already in place. Desktop conferencing allows you to extend your reach to include remote and non-traditional students, as well as expand your pool of teachers and their knowledge through remote training opportunities.

Networked Instruction. Using either remote or school-based databases, networking links students and teachers to advanced information resources

around the clock. With computers connected from school to the home, students learn independent research techniques, gain familiarity with technology, and build collaboration skills by working with other students over the network. Conducting research, completing and sending assignments, and accessing classroom instruction can all be done through the computer. And as an added benefit, parents and teachers can stay in touch via the computer network to monitor student progress.

Networked instruction combines existing components such as computers, electronic mail systems, databases and networks into a single, efficient educational tool. Keeping costs down, networked instruction creates a flexible learning environment, brings education into the home, and involves students and parents in the educational process.
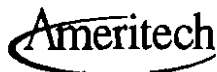
Distance Learning—A New School of Thought

Currently administered across the country, distance learning is becoming an affordable alternative for many school districts. Allowing optimal use of educational resources, faculty, equipment and information, distance learning is opening the doors to a world of information never before available in the traditional classroom.

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